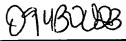
PATENT APPLICATION FEE DETERMINATION RECORD

Effective November 10, 1998



| CLAIMS AS FILED - PART I | | | | | | SMALL ENTITY | | | THAN | |
|--|---|--|---|---|---|--|------------------------|----------------------|---|------------------------|
| (Column 1) (Column 2) | | | | | | TYPE [| | OR | SMALL E | ENTITY |
| FOR | | NUMBE | R FILED | NUMBER E | XTRA | RATE | FEE | | RATE | FEE |
| BASIC FEE | | | | | | 380.00 | OR | | 760.00 | |
| TOTAL CLAIMS 37 IT | | | minus 2 | 0= 12 | | X\$ 9= | | OR | X\$18= | 2110 |
| INDEPENDENT CLAIMS | | | | | X39= | | OR | X78= | `_ | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | | | | +130= | | OR | +260= | |
| * If the difference in column 1 is less than zero, enter "0" in column 2 | | | | | | TOTAL | | OR | TOTAL | 974 |
| CLAIMS AS AMENDED - PART II | | | | | | SMALL ENTITY OR | | | OTHER THAN SMALL ENTITY | |
| | | (Column 1) | F-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 | (Column 2) | (Column 3) | SMALLE | | | OWALL ! | |
| ENTA | | CLAIMS REMAINING AFTER AMENDMENT | | NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE |
| AMENDMENT | Total + | 21 | Minus | 32 | <u> </u> | X\$ 9= | | OR | X\$18= | |
| | Independent * | | Minus | ## 2 | حي | X39= | | OR | X78= | |
| _ | FIRST PRESEN | TATION OF MU | JETIPLE DEP | ENDENT CLAIM | | +130= | | OR | +260= | |
| ١. | | | | | | TOTAL ADDIT, FEE | | OR | TOTAL ADDIT, FEE | |
| 1 | 2~13-04 | | | (Caluma 0) | (Column 3) | AUUII. FEE | | | ADDII. 1 CC | - 0 |
| - | Same and the same of the same | (Column 1) | DER COLUMN | (Column 2) | (Column 3) | | ADDI- | 1 | | ADDI- |
| ENT B | | REMAINING AFTER AMENDMENT | | NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | TIONAL FEE | | RATE | TIONAL |
| Ш | | | | | | | | | 4 | |
| NDME | Total 4 | . 17 | Minus | #2/ | • | X\$ 9= | | OR | X\$18= | |
| AMENDMENT B | Independent 4 | . 2 | Minus | 3 | • | X\$ 9= X39= | | OR OR | X\$18= X78= | |
| AMENDME | Independent 4 | . 2 | Minus | | • | | | | | |
| AMENDME | Independent 4 | . 2 | Minus | 3 | * | X39= +130= | | OR | X78= +260= | |
| AMENDME | Independent 4 | . 2 | Minus | PENDENT CLAIM | | X39= +130= | | OR OR | X78= +260= | |
| AMENDME | Independent 4 | TATION OF ME | Minus | PENDENT CLAIM (Column 2) | (Column 3) | X39= +130= | | OR OR | X78= +260= | |
| . 0 | Independent 4 | ITATION OF ME | Minus | PENDENT CLAIM | | X39= +130= | ADDI- TIONAL FEE | OR OR | X78= +260= | ADDI- TIONAL FEE |
| . 0 | Independent FIRST PRESEN | (Column 1) CLAIMS REMAINING AFTER | Minus | (Column 2) HIGHEST NUMBER PREVIOUSLY | (Column 3) | X39= +130= TOTAL ADDIT. FEE | TIONAL | OR OR | X78= +260= YOYAL ADDIT. FEE | TIONAL |
| | Independent FIRST PRESENT | (Column 1) CLAIMS REMAINING AFTER AMENDMENT | Minus / ULTIPLE DEP | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR | (Column 3) PRESENT EXTRA | X39= +130= TOTAL ADDIT. FEE | TIONAL | OR OR | X78= +260= TOTAL ADDIT. FEE | TIONAL |
| . 0 | Independent FIRST PRESENT | (Column 1) CLAIMS REMAINING AFTER AMENDMENT | Minus / ULTIPLE DEP | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR | (Column 3) PRESENT EXTRA | X39= +130= TOTAL ADDIT. FEE RATE- X\$ 9= | TIONAL | OR OR | X78= +260= YOYAL ADDIT. FEE RATE X\$18= | TIONAL |
| AMENDMENT C | Independent FIRST PRESENT Total Independent FIRST PRESENT If the entry in column | (Column 1) CLAIMS REMAINING AFTER AMENDMENT | Minus Minus Minus Minus ULTIPLE DEF | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR | (Column 3) PRESENT EXTRA = = | X39= +130= TOTAL ADDIT. FEE RATE- X\$ 9= X39= +130= | TIONAL | OR OR OR OR | X78= +260= YOYAL ADDIT. FEE RATE X\$18= X78= +260= TOTAL | TIONAL FEE |
| - AMENDMENT C | Independent FIRST PRESEN Total Independent FIRST PRESEN If the entry in column If the "Highest Num" | (Column 1) CLAIMS REMAINING AFTER AMENDMENT ITATION OF MI | Minus ULTIPLE DEF Minus Minus ULTIPLE DEF | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR *** PENDENT CLAIM OTHER TO IN CO. S SPACE is less that | (Column 3) PRESENT EXTRA and 20, enter "20." | X39= +130= TOTAL ADDIT. FEE RATE- X\$ 9= X39= +130= TOTAL ADDIT. FEE | TIONAL FEE | OR OR OR OR OR | X78= +260= YOYAL ADDIT. FEE RATE X\$18= X78= +260= TOTAL ADDIT. FEE | TIONAL FEE |